With a partner, measure your own and their height using a tape measure. Remember to round your measurements to the nearest 10.

*For example, 132 cm would be rounded down to 130 cm.*

Name: Mikayla

Then, complete the table below, displaying the measurement in three different ways.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Height (cm)** | **Decimal Form** | **Extended Form** | **Fraction Form** |
| *Example* | *130 centimetres* | *1.3m* | *1 metre 30 centimetres* | *1 3/10 metres* |
| **Person 1:Mikayla** | 140 centimetres  143 centimetres | 1.4 metres | 1 metre 40 centimetres | 1 4/10 metres |
| **Person 2:Keesha** | 150 centimetres  150 centimetres | 1.5 metres | 1 metre 50 centimetres | 1 5/10 metres |
| **Person 3: Maddy** | 140 centimetres  138 centimetres | 1.4 metres | 1 metre 40 centimetres | 1 4/10 metres |

Now, using the data provided by the rest of the class, order the heights of **five** class members from biggest to smallest.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Height (cm)** | **Decimal Form** | **Extended Form** | **Fraction Form** |
| 1.Keesha | 150cm | 1.5 metres | 1metre 50 cm | 1 5/10 metres |
| 2.Mikayla | 140cm | 1.4metres | 1metre 40cm | 1 4/10metres |
| 3.Maddy | 140cm | 1.4metres | 1metre 40cm | 1 4/10metres |

How do I feel about measurement?

|  |  |
| --- | --- |
|  | I am a **green** light! I am confident about measurement. I am able to convert my measurements easily and represent them in different ways confidently. |
|  | I am a **yellow** light! I am feeling ok about measurement. I understand what I need to do but I still need a little bit of help to represent my measurements. |
|  | I am a **red** light! I still feel that I need help with my measurement. I don’t feel very comfortable when converting my measurements. I think I can learn more! |